



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Armin CLAUS et al.

Appl. No: 10/693,456

Confirmation No: 2924

Filed: October 27, 2003

For: OPTICAL SENSOR

Art Unit: 2877

Examiner: Not Yet Assigned

Atty. Docket No: 31833-190298

Customer No:

26694

PATENT TRADEMARK OFFICE

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, Va. 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO/SB/08A and which the Examiner may deem relevant to patentability of the claims of the above-identified application. One copy of each of the listed documents is submitted herewith.

The relevance of documents A1-A4 and A7-A8 are listed in the attached European Search Report dated July 21, 2003, (translation of pertinent portions provided thereon). The relevance of documents A5 & A6 is provided in the attached German Office Action dated January 31, 2003. A non-verified translation of pertinent portions of the Office Action is also attached.

Applicants: Armin CLAUS et al.
Attorney's Doc. No. 31833-190298

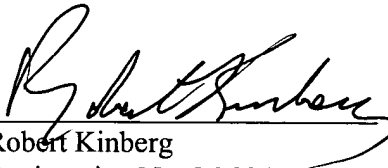
The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,

Date: 3/31/04


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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/693,456
Filing Date	October 27, 2003
First Named Inventor	Armin CLAUS et al.
Group Art Unit	2877
Examiner Name	Not Yet Assigned
Attorney Docket Number	31833-190298

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,659,432	A	TAKASHIMA et al.	8-19-1997	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A2	WO	93/06514	A1		4-1-1993		
	A3	DE	198 44 238	A1	DuPont	4-6-2000		
	A4	JP	11282954	A ✓		10-15-1999	Abstract	
	A5	EP	0 450 643	A2 ✓	//	10-9-1991		
	A6	DE	198 44 238	A1		4-6-2000		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A7	PETER CHALL, "Focusing semiconductor laser diodes in barcodes readers", Electronic Components and Applications, Eindhoven, NL, vol. 9, no. 2, 1989, pgs. 101-106, XP000073926	
	A8	MIYAZAKI et al., "Autofocussing Type Barcode Reader OBR-70-7AF with Advanced Beam Forming and Decoding Techniques Omnidirectional Reading in Great Depth of Field", NEC Research and Development, Nippon Electric LTD., Tokyo, JP, vol. 34, no. 2, 1993, pgs. 239-247, XP000322017	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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ATTORNEYS AT LAW

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